PATENT COOPERATION TREATY

REC'D 3 1 MAR 2005

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY WIPO
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference		FOR FURTHER ACTION		See Form PCT/IPEA/416			
100700.0024P							
International application No.		International filing date (day	/month/year)	Priority date (day/month/year)			
PCT/US03/11950 16 April 2003 (16.04.2			T C				
	International Patent Classification (IPC) or national classification and IPC						
	IPC(7): A23F 5/02, 5/16 and US Cl.: 426/595, 596, 433						
Applicant				ŀ			
VDF FUT	VDF FUTURECEUTICALS						
1.	1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.						
2.	This REPORT consists of a total of 5 sheets, including this cover sheet.						
3.		panied by ANNEXES, com		7			
	a. (sent to the applicant and to the International Bureau) a total of Lesheets, as follows:						
	sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).						
	sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.						
	b. (sent to	the International Bureau	only) a total of (ir	ndicate type and number of electronic			
carrier(s	<u> </u>			•			
, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).							
4.	This report contains indi	cations relating to the follow	wing items:				
		Basis of the report					
	Box No. II	Priority					
		Non-establishment of opinion applicability	on with regard to no	ovelty, inventive step and industrial			
		Lack of unity of invention					
	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step o industrial applicability; citations and explanations supporting such statement						
	Box No. VI	Certain documents cited					
	Box No. VII	Certain defects in the interr	national application				
	Box No. VIII	Certain observations on the					
Date of	submission of the demand		Date of completion	n of this report			
12 November 2004 (12.11.2004)		15 March 2005 (15.	03.2005)				
Name and mailing address of the IPEA/ US			Authorized officer	P 1 (1/10 -			
Mail Stop PCT, Atm: IPEA/US Commissioner for Patents		Anthony Weier	Jung Val V				
P.O. Box 1450 Alexandria, Virginia 22313-1450							
Facsimile No. (703) 305-3230		Telephone No. 571	-272-1700				

International application No.
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Box No	. I	Basis of the report
1. With	l, ur	gard to the language, this report is based on the international application in the language in which it was less otherwise indicated under this item.
	Th wl	is report is based on translations from the original language into the following language, nich is the language of a translation furnished for the purposes of:
	Г	international search (under Rules 12.3 and 23.1(b))
	F	publication of the international application (under Rule 12.4)
		international preliminary examination (under Rules 55.2 and/or 55.3)
furn	ishe	egard to the elements of the international application, this report is based on (replacement sheets which have been d to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" not annexed to this report):
	-	e international application as originally filed/furnished
		e description: ages 1-15 as originally filed/furnished
ļ	_	ages 1-15 as originally filed/furnished ages* NONE received by this Authority on
l .	-	ages* NONE received by this Authority on
×	th p	ages NONE as as originally filed/furnished as amended (together with any statement) under Article 19 ages* NONE received by this Authority on
1	-	ages* NONE received by this Authority on
	- F F	he drawings: larges NONE as originally filed/furnished larges* NONE received by this Authority on received by this Authority
	_	sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.
3.] [The amendments have resulted in the cancellation of:
		the description, pages
1		the claims, Nos
		the drawings, sheets/figs
		the sequence listing (specify):
		any table(s) related to the sequence listing (specify):
4.]	This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
		the description, pages the claims, Nos
		the drawings, sheets/figs
		the sequence listing (specify):
		any table(s) related to the sequence listing (specify):
* If	item	4 applies, some or all of those sheets may be marked "superseded."

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Box No. V Reasoned statement under Artic applicability; citations and expla	cle 35(2) with anations sup	regard to novelty, inventive step or industrial porting such statement	
1. Statement			
Novelty (N)	Claims	1-20	YES
11010119 (11)	Claims	NONE	NО
			YES
Inventive Step (IS)	Claims		NO NO
	Claims	NONE	— NO
TAN	Claims	1-20	YES
Industrial Applicability (IA)		NONE	NO
subject matter claimed can be made or used in industrial new citations ————————————————————————————————————	stry.	us the food product and tea have industrial applicability	

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Supplemental Box Relating to Sequence Listing
Continuation of Box No. I, item 2:
1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion was established on the basis of:
a. type of material
a sequence listing
table(s) related to the sequence listing
b. format of material
in written format
in computer readable form
c. time of filing/furnishing
contained in the international application as filed
filed together with the international application in computer readable form
furnished subsequently to this Authority for the purposes of search and/or examination
received by this Authority as an amendment* on
2. In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:
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* If item 4 in Box No. I applies, the listing and/or table(s) related thereto, which form part of the basis of the report, may be marked "superseded."

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upplemental Box						
In case the space in any of the preceding boxes is not sufficient.						
Continuation of:						
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CLAIMS

IPEA/US

What is claimed is:

- 1. A food product that comprises a preparation of a coffee cherry that is quick-dried such that a mycotoxin level of the coffee cherry is less than 20 ppb for total aflatoxins, less than 10 ppb for total ochratoxins, and less than 5 ppm for total fumonisins.
- 2. The food product of claim 1 wherein the preparation of the coffee cherry comprises a ground fragment of the coffee cherry.
- 3. The food product of claim 2 wherein the preparation of the coffee cherry comprises an extract from a ground fragment of the coffee cherry.
- 4. The food product of claim 1 wherein the preparation of the coffee cherry comprises at least one of a bean of the coffee cherry, a pulp of the coffee cherry, a mucilage of the coffee cherry, and a hull of the coffee cherry.
- 5. The food product of claim 1 wherein the preparation of the coffee cherry comprises an extract from at least one of a bean of the coffee cherry, a pulp of the coffee cherry, a mucilage of the coffee cherry, and a hull of the coffee cherry.
- 6. The food product of claim 1 wherein the coffee cherry is a sub-ripe coffee cherry and has a primarily green color with less than 25% red color.
- 7. The food product of claim 1 wherein the coffee cherry is a sub-ripe coffee cherry and has a primarily red color with less than 25% green color.
- 8. The food product of claim 1 wherein the coffee cherry is a sub-ripe coffee cherry and has a primarily red color with less than 5% blemished area.
- 9. The food product of claim 1 wherein the coffee cherry is quick-dried in a dryer using heated air.
- 10. The food product of claim 1 wherein the coffee cherry is quick-dried in a dryer using solar radiation.
- 11. The food product of claim 1 wherein the coffee cherry is quick dried by exposing the coffee cherry to at least one of ambient air and sun light.

- 12. The food product of claim 1 wherein the food product is a tea brewed from the coffee cherry.
- 13. The food product of claim 1 wherein the food product is a beverage comprising an extract of the coffee cherry.
- 14. The food product of claim 1 wherein the food product is nutritional supplement in liquid or solid form and comprising an extract of the coffee cherry.
- 15. A tea that is brewed from a comminuted quick-dried coffee cherry or portion thereof.
- 16. The tea of claim 15 wherein the coffee cherry has a mycotoxin level of less than 20 ppb for total aflatoxins, less than 10 ppb for total ochratoxins, and less than 5 ppm for total fumonisins.
- 17. The tea of claim 16 having a polyphenol concentration of at least 10 mg/oz.
- 18. The tea of claim 15 wherein the coffee cherry is a sub-ripe coffee cherry.
- 19. A quick-dried coffee cherry or portion thereof that has a mycotoxin level of less than 20 ppb for total aflatoxins, less than 10 ppb for total ochratoxins, and less than 5 ppm for total fumonisins.
- 20. The quick-dried coffee cherry of claim 19 wherein the coffee cherry is a sub-ripe coffee cherry.